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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/825,960 | 04/05/2001 | Luca Veronese | 34750/GM/cb | 5585 |

7590 03/22/2005

MODIANO, JOSIF, PISANTY & STAUB
EUROPEAN PATENT ATTORNEYS U.S. PATENT AGENTS
Via Meravigli
MILANO, 16-I-20123
ITALY

EXAMINER

VIG, NARESH

| | |
|----------|--------------|
| ART UNIT | PAPER NUMBER |
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3629

DATE MAILED: 03/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/825,960

Applicant(s)

VERONESE ET AL.

Examiner

Naresh Vig

Art Unit

3629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 April 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 1 – 12 are rejected under 35 U.S.C. 102(a) as being anticipated by COOL:Plex Tutorial For Windows hereinafter known as CoolPlex.

Regarding claim 1, CoolPlex teaches system and method for specifying and implementing business applications comprising a data warehouse (a collection of databases) [page 76], an application core [page 2- 4, 9, 25, 28] and a graphical user interface [page 10], using modular, intercommunicating objects; CoolPlex teaches:

providing a plurality of database tables within said data warehouse [page 76];

starting from said plurality of database tables, generating a number of business objects stored in said repository [page 10, 28];

accepting input from users defining a plurality of business rules associated with said business objects [page 28];

parsing and normalizing said input from users and updating said business objects within said repository [page 25];

generating source code for said application core and said graphical user interface [page 25].

Regarding claim 2, CoolPlex teaches providing a formal language to write business rules [page 44 – 59].

Regarding claim 3, CoolPlex teaches at least one runtime application module performs the following operations:

processing input/output visual events from/to widgets [page 44 – 49, 72];

creating and deleting views and widgets [chapter 3];

interfacing with the application core by exchanging parameters and values and calling functions to be used for computation according to said business rules [page 25 – 28, chapter 3].

Regarding claim 4, CoolPlex teaches active templates specify the application's behavior and the reaction to events [page 25 – 28].

Regarding claim 5, CoolPlex teaches system and method for specifying and implementing business applications comprising a data warehouse (a collection of databases) [page 76], an application core [page 2 – 4, 9, 25, 26] and a graphical user interface, using modular, intercommunicating objects. CoolPlex teaches:

Art Unit: 3629

a repository of meta-data comprising business objects and application rules

[page 76];

a plurality of database tables within said data warehouse [page 76];

a plurality of business rules [page 28];

means for parsing and normalizing said meta-data according to said tables and to said business rules [page 25];

means to generate source code for said application core and said graphical user interface [page 25];

means for compiling said source code to generate at least one runtime application module [page 25].

Regarding claim 6, CoolPlex teaches a formal language to write said business rules [page 44 – 59].

Regarding claim 7, CoolPlex teaches a visual tool to assist the writing said business rules [page 44 – 59].

Regarding claim 8, CoolPlex teaches parsing and normalizing said meta-data comprise a parser and a mapper (inherent steps for compiling a source code to generate an executable) [page 25].

Regarding claim 9, CoolPlex teaches generating source code comprise technology adapters [page 25, chapter 3].

Regarding claim 10, CoolPlex teaches technology adapters comprise active templates, controls and code generators [chapter 2, 3].

Regarding claim 11, CoolPlex teaches active templates specify the application's behavior and the reaction to events [chapter 2, 3, 6].

Regarding claim 12, CoolPlex teaches at least one runtime application module.

CoolPlex teaches:

processing input/output visual events from/to widgets [page 44 – 49, 72];

creating and deleting views and widgets [chapter 3];

interfacing with the application core by exchanging parameters and values [page 25 – 2, chapter 3]

calling functions to be used for computation according to said business rules [page 25 – 28, chapter 3].

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 CFR '1.111 (c) to consider the references fully when responding to this office action.

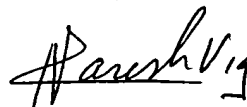
1. Arnold et al. US Patent 5,936,880
2. Ribitziky US Patent 6,363,393
3. Williams US Patent 6,735,593
4. Orbanes et al. US Publication 2001/0052110
5. Ludwig et al. IS Publication 2002/0198798
6. An Article 'The Matrix'
7. An Article ' The Perfect Handoff'
8. TECA Custom Controls
9. Definition of Widget
10. Definition of Data Warehouse

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Naresh Vig whose telephone number is 703.305.3372. The examiner can normally be reached on M-F 7:30 - 5:00 (Alt Friday off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Weiss can be reached on 703.308.2702. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 3629

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read "Naresh Vig", with a stylized flourish at the end.

Naresh Vig
Patent Examiner
March 14, 2005